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(54) **FLOOR TILE SYSTEM FOR MOUNTING
VEHICLE SEATS AND METHODS FOR
MOUNTING VEHICLE SEATS**

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See application file for complete search history.

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ABSTRACT

A mounting tile for mounting a vehicle seat to a vehicle floor comprises at least two tubular members having a rectangular cross-sectional shape and a U-shaped channel having apertures that may include weld nuts for receiving fastener elements protruding from the bottom of the vehicle seat structure. A method for mounting a vehicle seat using the mounting tile includes affixing angle iron to the side edges of the floor, affixing a layer of metal plating on top of the angle iron, affixing one or more mounting tiles to the metal plating, positioning filler material between the one or more mounting tiles, positioning a floor covering over the mounting tiles and filler material, aligning the fastener elements of the vehicle seat structure with apertures in the mounting tile, and attaching the fastener elements and the seat to the mounting tile.

7 Claims, 10 Drawing Sheets

